

Workforce Information (LMI) Grant Quarterly Narrative Report

Grantee Name: Hawaii Department of Labor and Industrial Relations

Report Quarter Ending: December 31, 2012

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Summary of Grant Activities

This report, for the quarter October 1 to December 31, 2012, focuses on grant activities and strategic partnership initiatives.

Deliverables and partnership activities included:

- ***Workforce Data Quality Initiative (WDQI) Grant.*** R&S is working on the development of the ***Workforce Longitudinal Data System (WorLDS)***. The system will consist of a workforce data warehouse and processes for tracking employment training program participants and their workforce outcomes and a portal for program planners, researchers and policy makers to access reports.
 - Because WorLDS will link to the P20W SLDS for educational data from the DOE and UH systems, staff have been participating in various SLDS committee meetings.
 - A Program Manager and database specialist have been hired for the project.
 - Staff attended a required conference in Washington DC for grantees.
 - Staff have participated in several technical assistance meetings and webinars with our state's WDQI project coaches.
 - Staff met with UI, WDD, OCS, OHA, UH, DOE, and Big Island WIB to discuss the project and data sharing agreements. More meetings with other stakeholders and partner agencies are being planned.
 - Staff are working closely w/HIC to develop the hardware and software specs for the system.
- ***Community College Career and Technical Training Grant (C3T) Predictive Models.*** A .5 FTE position has been assigned to develop predictive models for three industries: Agriculture, Healthcare, and Energy. LMI staff are providing input to the model by using the BLS-approved process and Projections Suite software involved in developing long- and short-term industry and occupational projections. Staff supplied historical data, LED firm age data, employment and state variables, and occupational staffing patterns. As a result, a repository of reference material has been developed, statistical software Stata will be purchased, comparisons of existing projections to actual data have been made, variables have been identified, discussions are ongoing with various experts, and regression models have been built.
- ***Population of WIDb with state and local data.*** Staff converted to the latest database version 2.5 which meant switching from Foxpro to Access, updating education files such as schools, programs, program completers, and supply, and updating licensed occupations file that included license, licensing agency, and license history.

- ***Open Data Initiative.*** Uploaded the top 50 employers by county derived from the 2013 1st Edition of InfoGroup Employer Database.
- ***Posting products, information, and reports on the Internet.*** Tested upgraded Hawaii Workforce Infonet (HIWI) version 12.05 for acceptance and uploaded the Quarterly Census of Employment and Wages 2011 Annual Publication. Continued to present monthly articles in the features box on the HIWI home page. Staff also helped create the Research and Statistics Office's home page and subpages for DLIR's newly reformatted website, requiring the uploading of files and updating of web links. The annually updated table of the civilian labor force by sex and race for the Affirmative Action Program was another recently posted document.
- ***Long-term Industry and Occupational Projections 2010-2020.*** Began the process of generating long-term industry projections for the period 2010 to 2020 for Honolulu MSA, Hawaii County, Maui County, and Kauai County. This involved populating the Projections Suite program with employment and variable data required to run the models and graphing employment data for each county.
- ***Outreach.*** Between October and December, LMR staff attended a UHERO Economic Forum, First Hawaiian Bank Economic Outlook Forum, and the Hawaii State Digital Technology conference.

In response to a request, staff compiled data on Work Life Earnings by Education Level for Hawaii compared to the United States. Data was derived for those 25 to 64 years old and not surprisingly, the data revealed that earnings increased with educational attainment. For both the US and Hawaii, the largest portion of the population was classified as high school graduates. While half of the US population fell under this category, their earnings accounted for approximately one-quarter of the total lifetime earnings of all groups. Hawaii's data showed a similar trend. High school graduates constituted 45 percent of the state's population, while their earnings accounted for 27 percent of the total lifetime earnings. A little over one-third of the population for both the US and Hawaii attained a bachelor's degree. Of the total earnings for all education levels, the earnings of those with bachelor's degrees comprised 44 percent for the US and 41 percent for Hawaii.

- ***Training.*** Staff participated in numerous webinars and conference calls featuring Socrata University Open Data Initiative, Local Employment Dynamics, BLS, BEA, DataZoa, Energy, Integrated Postsecondary Education Data System (IPEDS), and the Projections Management Partnership's proposed improvements to projections process.